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APPLICANT'S INTERVIEW SUMMARY

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# RICHARD NEWTON HILL, JR.



LIATIONS: BSA / USAFROTC / AFL-CIO / USAR / HEC / AED / SIA / ASA  
ANSI 120.1 / LOOM / ANSI MNGMNT BRD / ANSI A10.8 / FSSC

November 16, 2006

Application No. 10/600701

Confirmation No.

Applicant: Richard Newton Hill, Jr.

Filed: June 23, 2003

TC/A.U.: 3746

Examiner: Charles G. Freay

Commissioner Of Patents

P. O. Box 1450

Alexandria, Va. 22313-1450

## APPLICANT'S INTERVIEW SUMMARY

Applicant noted that the difference between his invention's and the cited references, in particular, the Villanueva et al reference, was that his float is connected to the piston by a flexible member, for example a chain. Whereas the references were all connected to the piston by a solid and rigid rod. Applicant also noted that Villanueva et al reference placed their ballast or weight in the float or buoy whereas applicant has no ballast in his float. The sole purpose of this inventor's float is to provide a lifting action to the piston and is not intended to force the piston down. Villanueva also attempts to pump and draw fluid into the pumping chamber in both the up and down direction. Applicant's pump, pumps fluid of the cylinder on the downward stroke only, using the up stroke to draw fluid in only. Applicant also noted that the sole purpose of the Villanueva piston is to provide a pumping action whereas this inventor's piston provides a pumping action and has contained in it, the weight or ballast necessary to force the piston down on the down stroke only. Inventor acknowledges that he an examiner went over some of the claims. Inventor also notes that again the examiner encouraged him to look at other patents cited by examiner. Inventor told the examiner, as he has in the past, that he is legally blind in one eye and has extremely poor vision in the other and at one point during the time of the filings was "legally blind" in both eyes and had to use "42 point" in order to complete the filing of March 2003. I attached a sample of that filing as I had to view it at that time in order to read what I was typing. Applicant eyesight in his right eye has now improved to the point where he can read "12 point" type such as is used in this letter but it is almost impossible for him to read and understand the text in the patents cited by the examiner. Inventor has no one who can assist him with these filings as of this date.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "Richard Newton Hill, Jr." with a stylized flourish at the end.

Richard Newton Hill, Jr.